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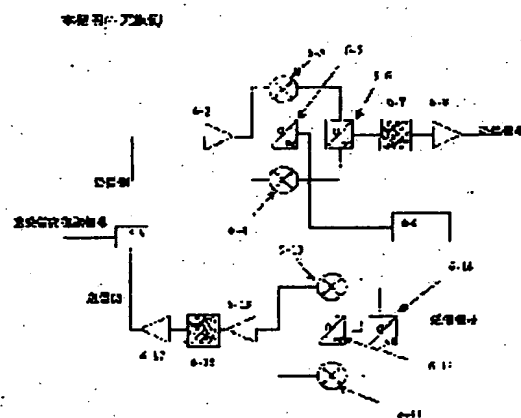
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## (54) COMMUNICATION MACHINE CONFIGURATION HAVING LOW INTERMEDIATE FREQUENCY (LowIF) FUNCTION

(57)Abstract:

**PROBLEM TO BE SOLVED:** To overcome the problem wherein a transmission station generation oscillator and a reception station generation oscillator used for a transmitter require different oscillators by different oscillation frequencies in a communication apparatus using a Low IF system for a communication system in a communication apparatus having an OFDM modulation/demodulation function, and each local oscillation oscillator needs to be shielded to reduce the interference noise of each oscillator to be generated.

**SOLUTION:** The configuration of transmission and reception local oscillators is shared by using a transmission signal that is modulated by a Low IF frequency in advance and using an image rejection configuration as the configuration of the modulator of a transmitter.



## LEGAL STATUS

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